

FIG. 1

PHASE TRANSITION PROPERTIES OF WATER

Melting point at 1 atm	0.000°C
Boiling point at 1 atm	100.000°C
Critical temperature	374.15°C
Critical pressure	218.6 atm
Triple point	0.0099°C and 4.579 mmHg
Heat of fusion at 0°C	79.71 cal/g; 1.436 kcal/mol
Heat of vaporization at 100°C	538.7 cal/g; 9.705 kcal/mol
Heat of sublimation at 0°C	12.16 kcal/mol

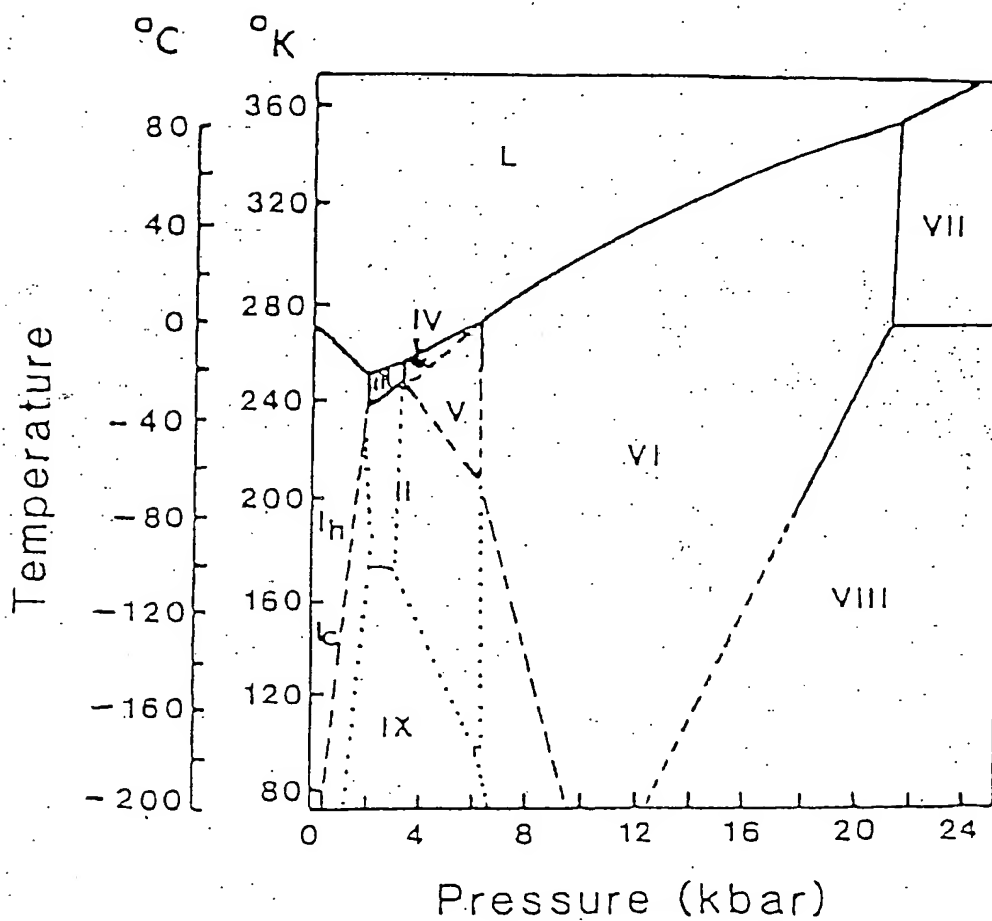


FIG. 2

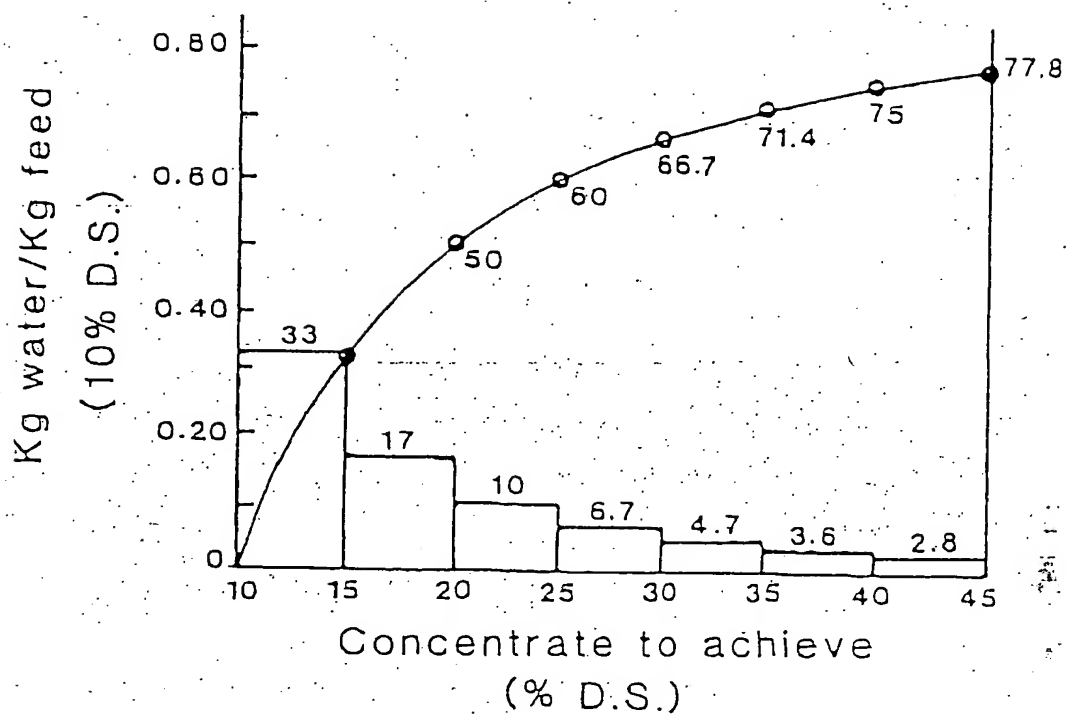


FIG. 3